Signature

PTO/SB/05 (08-03)

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UTILITY PATENT APPLICATION TRANSMITTAL

REG 711A Attorney Docket No. Sleeman et al. First Inventor Methods of Treating Title

Date

(Only for new nonprovisional applications under 37 CFR 1.53(b)) EV 395022320 US Express Mail Label No. Mail Stop Patent Application **APPLICATION ELEMENTS** Commissioner for Patents ADDRESS TO: P.O. Box 1450 See MPEP chapter 600 concerning utility patent application contents. Alexandria VA 22313-1450 Fee Transmittal Form (e.g., PTO/SB/17) 7. CD-ROM or CD-R in duplicate, large table or (Submit an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. 8. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3. Specification [Total Pages_ Computer Readable Form (CRF) (preferred arrangement set forth below) - Descriptive title of the invention Specification Sequence Listing on: b. Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention Paper - Brief Summary of the Invention c. Statements verifying identity of above copies - Brief Description of the Drawings (if filed) - Detailed Description ACCOMPANYING APPLICATION PARTS - Claim(s) - Abstract of the Disclosure 9. Assignment Papers (cover sheet & document(s)) 4. Drawing(s) (35 U.S.C. 113) [Total Sheets _ 37 CFR 3.73(b) Statement 10. Power of (when there is an assignee) Attorney 5. Oath or Declaration Unexe cuted [Total Sheets English Translation Document (if applicable) a. Newly executed (original or copy) √ Copies of IDS 12. 🗸 Information Disclosure Statement (IDS)/PTO-1449 Citations Copy from a prior application (37 CFR 1.63(d)) 13. 🔲 Preliminary Amendment (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) 14. (Should be specifically itemized) **DELETION OF INVENTOR(S)** 15. 🔲 Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) (if foreign priority is claimed) name in the prior application, see 37 CFR 16. Nonpublication Request under 35 U.S.C. 122 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. Application Data Sheet. See 37 CFR 1.76 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Continuation-in-part (CIP) of prior application No.: Prior application information: Examiner Art Unit: For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS \square **Customer Number:** 26693 Correspondence address below Name Address Zip Code City State Country Telephone Fax Name (Print/Type) Valeta Gregg Registration No. (Attorney/Agent) | 35,127

This collection of information is required by 37 CFR (.55(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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PTO/SB/17 (10-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Complete if Known **FEE TRANSMITTAL** To Be Assigned Application Number Concurrently Herewith Filing Date for FY 2004 Mark W. Sleeman First Named Inventor Effective 10/01/2003. Patent fees are subject to annual revision. To Be Assigned **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 Art Unit Assigned To Be REG 711A TOTAL AMOUNT OF PAYMENT (\$) 1,186Attorney Docket No. FEE CALCULATION (continued) METHOD OF PAYMENT (check all that apply) 3. ADDITIONAL FEES Money Other None Check arge Entity | Small Entity XX Deposit Account: **Fee Description** Fee Paid Code (\$) Code (\$) Deposit 18-0650 65 Surcharge - late filing fee or oath Account 1051 130 2051 Number Surcharge - late provisional filing fee or Regeneron Pharmaceuticals 2052 1052 50 Deposit cover sheet Account 130 Non-English specification Name 1053 130 1053 The Director is authorized to: (check all that apply) 1812 2,520 For filing a request for ex parte reexamination 1812 2,520 Credit any overpayments X Charge fee(s) indicated below 920* Requesting publication of SIR prior to 1804 920 1804 X Charge any additional fee(s) or any underpayment of fee(s) Examiner action Requesting publication of SIR after Charge fee(s) indicated below, except for the filing fee 1805 1.840 1805 1.840° Examiner action to the above-identified deposit account. Extension for reply within first month 2251 1251 110 **FEE CALCULATION** Extension for reply within second month 1252 420 2252 1. BASIC FILING FEE 475 Extension for reply within third month 950 2253 1253 arge Entity Small Entity Fee Paid 740 Extension for reply within fourth month 2254 Fee Description 1254 1,480 Fee Fee Code (\$) 1,005 Extension for reply within fifth month 2255 1255 2.010 Utility filing fee 1001 770 2001 385 770 1401 330 2401 165 Notice of Appeal Design filing fee 2002 170 1002 340 330 2402 165 Filing a brief in support of an appeal 1402 Plant filing fee 2003 265 1003 530 145 Request for oral hearing 1403 290 2403 Reissue filing fee 2004 385 1004 770 1,510 Petition to institute a public use proceeding 1451 1,510 1451 Provisional filing fee 2005 80 1005 160 55 Petition to revive - unavoidable 2452 1452 . 110 SUBTOTAL (1) (\$) **770** 665 Petition to revive - unintentional 1453 1,330 2453 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 665 Utility issue fee (or reissue) 1501 1,330 2501 Fee from Extra Claims 1502 480 2502 240 Design issue fee below 4 Х **Total Claims** 1503 640 2503 320 Plant issue fee Independent х 130 Petitions to the Commissioner . 3** = 1460 1460 130 Multiple Dependent 290 50 Processing fee under 37 CFR 1.17(q) 50 1807 1807 180 Submission of Information Disclosure Stmt Large Entity Small Entity 1806 180 1806 40 Recording each patent assignment per Fee Description Fee Fee 40 8021 8021 property (times number of properties) Code (\$) Code (\$) Claims in excess of 20 385 Filing a submission after final rejection (37 CFR 1.129(a)) 2202 1202 18 1809 770 2809 Independent claims in excess of 3 43 1201 86 2201 385 For each additional invention to be Multiple dependent claim, if not paid 770 2810 1810 1203 290 2203 145 examined (37 CFR 1.129(b)) ** Reissue independent claims 1204 86 2204 385 Request for Continued Examination (RCE) over original patent 1801 770 2801 Request for expedited examination 1802 900 1802 * Reissue claims in excess of 20 2205 1205 18 of a design application and over original patent Other fee (specify) SUBTOTAL (2) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) 0 or number previously paid. if greater, For Reissues, see above (Complete (if applicable)) SUBMITTED BY Registration No. Telephone Valeta Gregg Name (Print/Type) 26, March Signature

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.